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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Zhao *et al.*

Application Serial No.: 09/665,422

Filed: 09/20/00

For: Damascene Interconnect Structure and Fabrication Method Having Air Gaps Between Metal Lines and Metal Layers

Assistant Commissioner for Patents

• Washington, D.C. 20231

POWER OF ATTORNEY BY ASSIGNEE OF ENTIRE INTEREST
(REVOCATION OF PRIOR POWERS)

As assignee of record of the entire interest of the above-identified:

☒ application,
☐ patent

REVOCATION OF PRIOR POWERS OF ATTORNEY

all powers of attorney previously given are hereby revoked and

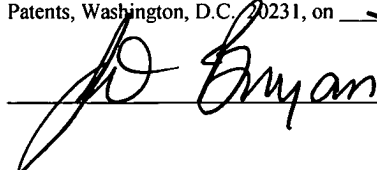
NEW POWER OF ATTORNEY

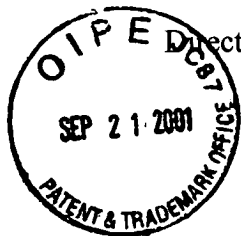
the following attorneys are hereby appointed to prosecute and transact all business in the Patent and Trademark Office therewith:

From THOMAS, KAYDEN, HORSTEMEYER & RISLEY, L.L.P.: George M. Thomas, Reg. No. 22,260; James W. Kayden, Reg. No. 31,532; Scott A. Horstemeyer, Reg. No. 34,183; Stephen R. Risley, Reg. No. 35,659; Jeffrey R. Kuester, Reg. No. 34,367; Daniel J. Santos, Reg. No. 40,158; Michael J. Tempel, Reg. No. 41,344; Daniel R. McClure, Reg. No. 38,962; Robert E. Stachler II, Reg. No. 36,934; David P. Kelley, Reg. No. 17,420; Reg. No. 41,344; David R. Risley, Reg. No. 39,345; Jon E. Holland, Reg. No. 41,077; Dan R. Gresham, Reg. No. 41,805; J. Scott Culpepper, Reg. No. 41,692; M. Paul Qualey, Reg. No. 43,024; Robert P. Biddle, Reg. No. 35,826; Robert A. Blaha, Reg. No. 43,502; Jennifer M. Gruber, Reg. No. 42,601; Raymond W. Armentrout, Reg. No. 45,866; Cynthia J. Lee, Reg. No. 46,033; N. Andrew Crain, Reg. No. 45,442; Monica A. Winghart, Reg. No. 46,790; Sami O. Malas, Reg. No. 44,893; Marianne H. Parker, Reg. No. 46,165; Eric M. Ringer, Reg. No. 47,028; Larry E. Thompson, Reg. No. 41,346; Adam E. Crall, Reg. No. 46,646; William F. Heinze, Reg. No. 36,161.

From CONEXANT SYSTEMS, INC.: Daniel N. Yannuzzi, Reg. No. 36,727; Joseph H. Lee, Reg. No. 37,664; Semion Talpalatsky, Reg. No. 35,380; Stephen Warhola, Reg. No. 43,237

I hereby certify that this correspondence is being deposited with the United States Postal Service, as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231, on Sept. 18, 2001.





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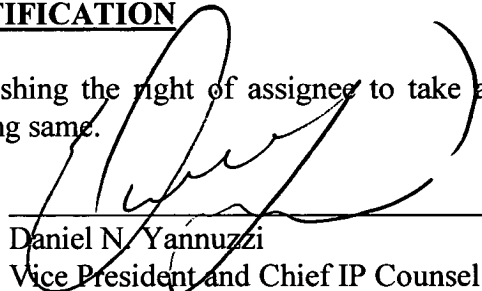
ASSIGNEE OF ENTIRE INTEREST

CONEXANT SYSTEMS, INC.
4311 Jamboree Road
Dept. 927, MS E10 005
Newport Beach, CA 92660-3095

ASSIGNEE CERTIFICATION

The certification under 37 C.F.R. §3.73(b) establishing the right of assignee to take action is attached hereto along with documentation evidencing same.

Date: 8/27/01


Daniel N. Yannuzzi
Vice President and Chief IP Counsel

Docket No.: 50324-1050
(Conexant No. 97RSS434)



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Metal Lines and Metal Layers

Assistant Commissioner for patents
Washington, D.C. 20231

**CERTIFICATE UNDER 37 C.F.R. §3.73(b)
ESTABLISHING RIGHT OF ASSIGNEE TO TAKE ACTION**

1. The assignee of the entire right, title and interest hereby seeks to take action in the
PTO in this matter.

IDENTIFICATION OF ASSIGNEE

2. The assignee of this matter is:

CONEXANT SYSTEMS, INC.
4311 Jamboree Road, E10-005
Newport Beach, CA 92660

PERSON AUTHORIZED TO SIGN

3. Scott A. Horstemeyer
Attorney for Assignee

I hereby certify that this correspondence is being deposited with the
United States Postal Service, as first class mail in an envelope
addressed to: Assistant Commissioner for Patents, Washington,
D.C. 20231, on Sept. 18, 2001

Scott A. Horstemeyer

4. A chain of title from the inventor(s) to the current assignee is shown below:
- a. From: Bin Zhao and Maureen R. Brongo
To: Conexant Systems, Inc.
Recorded in PTO: See Exhibit A evidencing assignment that
has already been filed. No Reel and Frame has been assigned as of yet.

DECLARATIONS

5. I, the undersigned, have reviewed all the documents in the chain of title of the

☒ application
☐ patent

matter identified above and, to the best of my knowledge and belief, title is in the assignee identified above.

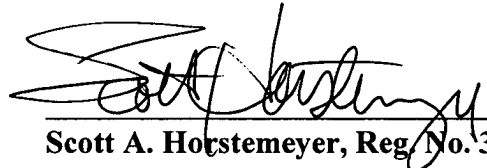
6. I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

7. I, the person signing below, aver that I am empowered to sign this statement on behalf of the assignee.

Reg. No. **34,183**

Tel. No. 770-933-9500
Customer No.: 24504

Docket No. 50324-1050
(97RSS434)



Scott A. Horstemeyer, Reg. No. 34,183

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